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2. An electrical-energy-storage unit as recited in Claim 1 that will not degrade due to being fully charged or discharged.
3. An electrical-energy-storage unit as recited in Claim 1 that has the capability to be rapidly charged without incurring any damage or degrading the specifications to the components.
4. An electrical-energy-storage unit as recited in Claim 1 that due to the unique double coating of the basis particles and the hot isostatic pressing at the near-minimum-temperature viscous-flow condition of the glass, a dielectric voltage breakdown strength in the range of  $1 \times 10^6$  to  $5 \times 10^6$  V/cm or higher is allowed across the terminals of the components in this double-array configuration, Figure 4.
5. An electrical-energy-storage unit as recited in Claim 1 that has an ease of manufacturing due to the softening temperature of the calcium magnesium aluminosilicate glass allowing the relatively low hot-isostatic-pressing temperature of  $800^\circ\text{C}$  which in turn will provide a void-free ceramic body.
6. An electrical-energy-storage unit as recited in Claim 1 that has an ease of manufacturing due to the softening temperature of the calcium magnesium aluminosilicate glass allowing the relatively low hot-isostatic-pressing temperature of  $800^\circ\text{C}$  which in turn will allow the use of nickel for the conduction-path electrodes.
7. An electrical-energy-storage unit as recited in Claim 1 that has an ease of manufacturing due to the softening temperature of the calcium magnesium aluminosilicate glass allowing the relatively low hot-isostatic-pressing temperature of  $800^\circ\text{C}$ . This feature along with the coating method providing a uniform-thickness shell of the calcium magnesium aluminosilicate glass in turn will provide a hot-isostatic-pressed double-coated composition-modified barium titanate high-relative-permittivity layer that is uniform and homogeneous in microstructure.
8. An electrical-energy-storage unit as recited in Claim 1 that due to the double coating of the basis particles has reduced the leakage and aging of this material by an order of magnitude of the specification of the basis material or lower. This will reduce the discharge rate to 0.1% per 30 days or lower; and

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9. An electrical-energy-storage unit as recited in Claim 1 that the relatively low 800° C hot-isostatic-pressing temperature allows nickel to be used as the electrode material rather than expensive platinum, palladium, or palladium-silver alloy.
10. An electrical-energy-storage unit as recited in Claim 1 that due to the unique double-layered array configuration, Figure 4, can store up to 52,220 W•h of electrical energy or more depending on the size of the arrays or the value of the relative permittivity.
11. An electrical-energy-storage unit as recited in Claim 1 that does not have any material that is explosive, corrosive, or hazardous.
12. An electrical-energy-storage unit as recited in Claim 1 that can supply electrical energy to electrical vehicles, which include bicycles, tractors, buses, cars, or any device used for transportation or to perform work, that is not explosive, corrosive, or hazardous.
13. An electrical-energy-storage unit as recited in Claim 1 that can store electrical energy from electrical-energy-delivery systems and then be used to supply electrical energy to residential, commercial, industrial applications and the present power grid that is not explosive, corrosive, or hazardous.
14. An electrical-energy-storage unit as recited in Claim 1 that can store electrical energy from electrical-energy-delivery systems and then be transported to a required location and be used as a source of electrical energy that is not explosive, corrosive, or hazardous.
15. An electrical-energy-storage unit as recited in claim 1 that can supply electrical energy to portable electronic devices such as computers, radios, television sets, cameras, refrigerators, phones, lights, and other such devices.
16. An electrical-energy-storage unit as recited in claim 1 that can supply electrical energy to remote devices such as microwave repeaters, phones, traffic signals, recreational equipment, lighting systems, camping equipment, farming equipment, and other such devices.